



Superfund Research Program Annual Meeting – DMAC

Agenda

All times Mountain Standard Time

Monday, December 4, 2023

- 9:00 – 9:45 a.m.** **Opening Session: Collaboration With Integrity** – Alvarado Ballroom
Kirena Tsosie, University of New Mexico (moderator)
Opening Remarks — **Wilfred Herrera**, Pueblo of Laguna
Indigenous Ways of Knowing — **David Begay** (Diné) and **Nancy Maryboy** (Diné/Cherokee),
University of New Mexico
Tribal Data Sovereignty — **Guthrie Ducheneaux** (Cheyenne River Sioux), Columbia University
- 9:45 – 10:00 a.m.** **Break and Transition to Franciscan Ballroom**
- 10:00 – 10:20 a.m.** **Introductions** — Franciscan Ballroom
- 10:20 – 10:45 a.m.** **Strategies and Considerations for Utilizing Artificial Intelligence/Machine Learning**
Discussion Lead: **Justin Manjourides**, Northeastern University
- 10:45 – 11:10 a.m.** **GIS: Opportunities, Best Practices, Challenges, and Lessons Learned**
Discussion Lead: **Yan Lin**, University of New Mexico
- 11:10 – 11:35 a.m.** **The Role of Platforms and Tools in the Environmental Health Science Data Ecosystem**
Discussion Lead: **Rance Nault**, Michigan State University
- 11:35 a.m. – noon.** **Managing and Protecting Sensitive Data**
Discussion Lead: **Li Luo**, University of New Mexico
- Noon – 12:15 p.m.** **Open Discussion**
- 12:15 – 12:30 p.m.** **Break and Transition to Alvarado Ballroom**



12:30 – 1:30 p.m.

(Joining) Session Three: Science Communication and Future of Machine Learning/Artificial Intelligence in Research – Alvarado Ballroom

Eliane El Hayek, University of New Mexico (moderator)

Navajo WaterGIS: Community Needs, Missing Data

Daniel Beene, University of New Mexico

Machines vs. People: Determining Criterion Weights for Environmental Exposure Models

Theodros Woldeyohannes, University of New Mexico

Maternal Exposures to Metal Components of PM2.5 and Low Birth Weight in New Mexico

Yanhong Huang, University of New Mexico

Infographics: Are You Effectively Communicating Your Research?

Xenia De Gracia, University of Arizona

Let's Talk Science Communication

Marisa Sobel, Columbia University

Social Responsibility of Scientists Working at Superfund Sites: The Case of Jones Road Ground Water Plume Site in Houston

Anna-Barbara O'James, University of Texas Medical Branch

1:30 – 2:50 p.m.

Lunch (on your own)